## 6<sup>th</sup> GRADE MAIN RANGEFINDER 3

It is important that you show or explain how you solved the problems on this assessment. If you use a calculator, show how you set up the math.

1.	You are going to r	make a green salad to take to a dinner party. The prices of the ingr			^
		Lettuce Radishes Cucumbers	2 bunches cost 3 bunches cost each	\$1.00 \$0.92 \$0.58	×9 × 1 × 3
I multiped I I multiplu I Multij		Show or explain how	y ybu found your ar	of lettuce, 3 nswer. Whish out	bunches of radishes, and lattice post with 2 lands
	b. How much cha you found you		A Marie Contract of the Contra	the ter	1? Show or explain how n-dolbr bill by 1 got \$5.22
		total of <u>12 people</u> at the a serving, how much swer.			

d. One of the guests took 1/9 of the salad. Another guest took 2/9 of the salad. What fraction of the salad was taken? Show or explain how you found your answer.



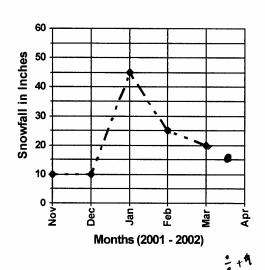
Read problems 2, 3, 4, and 5 on this and the next two pages.

Select three problems to answer. Answer ALL of the parts of the three problems you select to answer.

Cross out the one problem that you do not choose to answer.

2. At Black Bear Mountain Ski Area the monthly snowfalls are shown in the following graph.

## **Monthly Snowfall**



a. Use the information in the graph to find the mean (average) snowfall for the 5 months shown. Show or explain how you found your answer.

shown. Show or explain how you found your answer.

I added 10

In 10,15,25 to 10

Then I diving 15

b. Use the information in the graph to find the median, mode, and range of the monthly seek in the snowfall. Show or explain how you found your answer.

The way of the monthly seek in the graph predictive monthly snowfall for April and add it to the graph. Justify (explain) your prediction.

I think that It will go down to be cause in

Effective communication skills

FCb- to March it dropped 5

**3.** Sue is earning money for summer camp. She does chores for her neighbors and charges \$3.50 per hour.

c. In the chart below **n** represents the number of hours she worked at each job. Complete the chart to show how much money she earned at each job. Show or explain how you found **Hours** Earnings per Job  $$3.50 \times n = ?$ \$10.50 3 ob 3 2 3 Adequate understanding of situation ob 6 Show or explain how you What is the total amount Sue has earned for summer camp found your answer. total amount of money got 259.50 with an income of hours Sue works. If the camp costs \$126.00, write an equation, using n, to show how many more hours she needs to work to pay for camp. Solve the equation. Show or explain how you found your analyses. 16 #126.00-59.50 = **b** Adaptable processes た Nis 5() The Appaloosa Middle School basketball team practices each week on Monday, Tuesday,/and Wednesday for 2 ½ hours after school. a. If practice begins at 3:15 PM, what time does practice finish? Show or explain how found your answer. f thought .4:16 4:15=1 hour so 4:15-5:1 C5:15 practice each week? Show or explain how you found your b. What is the total time the 50 MM If students are required to practice for 10 hours before they may play in their first game. now many days will they have to practice before they qualify to play? Show or explain how you found your answer howork I 7:50 8:50 - was 2 hours 50 mis

